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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/272,075	03/18/1999	ANDREAS HENNIGER	GR-98-P-1381	5171

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LERNER AND GREENBERG  
POST OFFICE BOX 2480  
HOLLYWOOD, FL 330222480

EXAMINER
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CHANG, JUNGWON

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 12/31/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/272,075

Applicant(s)

HENNIGER ET AL.

Examiner

Jungwon Chang

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☒ Claim(s) 9-11 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☒ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1-11 are presented for examination.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huang (US 6,052,456), in view of Echensperger et al. (US 6,199,160 B1), hereinafter referred to as Echensperger.
4. As to claim 1, Huang discloses the invention substantially as claimed, including a telecommunication system used by subscribers and administrated remotely by an administrator (col. 5, lines 1-12; col. 13, lines 27-54) comprising:
  - a telecommunications apparatus (230, fig. 1) having a terminal with properties of a terminal with administration authorization (col. 6, lines 31-47; col. 11, lines 3-31; col. 14, lines 24-33);
  - a remote computer (10, 14, fig. 1) connected to said terminal of said

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telecommunications apparatus exchanging only administrative changes to the telecommunication system for remote administration of said telecommunications apparatus (col. 13, lines 43-54).

5. Huang does not specifically disclose a virtual terminal. However, Echensperger discloses a virtual terminal (4, 5, fig. 2; col. 6, lines 2-7 and 54-62). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Huang and Echensperger because virtual terminal in Echensperger would enhance the performance of communication of Huang's system by allowing the virtual terminal to universally communicate with any other devices.

6. As to claim 2, Huang discloses the terminal with administration authorization is a telephone (col. 3, lines 62-65).

7. As to claim 6, Huang discloses said remote computer has a message interpreter and an emulator providing an interface and functionality of said terminal with administration authorization (11, 22, fig. 1; col. 5, lines 13-34).

8. As to claim 7, Huang discloses said telecommunications apparatus has a data interface (56, 62, 64, fig. 1; col. 8, line 50 – col. 9, line 14) and control traffic between said port and said telecommunication apparatus is diverted to said data interface (col. 8, lines 29-49).

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9. As to claim 8, Huang discloses data interface is selected form the group consisting of a V.24 interface (16, fig. 1), analog modem (col. 5, line 66 – col. 6, line 2).

10. As to claims 3-5, they are rejected for the same reasons set forth in claim 1 above.

11. Claims 9-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Conclusion***

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Britt, patent 6,327,355 B1, Nelson et al, patent 6,601,065 B1, Slaby, patent 6,587,124 B1, Glassmacher et al, patent 5,329,570 disclose system and method for generating sets of configuration data comprising an administrator interface allowing an administrator to enter configuration parameters for a generalized configuration.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jungwon Chang whose telephone number is (703)305-9669. The examiner can normally be reached on 9:30-6:00 (Monday-Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (703)308-9052. The fax phone number for the organization where this application or proceeding is assigned is (703)746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-9669.

Jungwon Chang  
December 24, 2003



JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100